## **EAST Search History**

| Ref #      | Hits  | Search Query   | DBs                                      | Default<br>Operator | Plurals | Time Stamp          |
|------------|-------|--|--|---------------------|---------|---------------------|
| L1         | 2     | "6893866".pn.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>20:16 |
| L2         | 38693 | virus same gene same<br>promoter                     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>20:36 |
| L3         | 24126 | virus same gene same<br>promoter same vector         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>20:36 |
| L4         | 16    | flavivirus same gene<br>same promoter same<br>vector | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>20:37 |
| L5         | 74    | Khromykh.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>21:18 |
| L6         | 71    | Suhrbier.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>21:18 |
| L7         | 137   | L5 L6  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>21:18 |
| L8         | 2710  | flavivirus   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>21:18 |
| L9         | 2710  | L8   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>21:18 |
| L10        | 20    | L7 AND L9  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2009/04/22<br>21:18 |
| S1         | 69    | Khromykh.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2007/09/11<br>17:42 |
| S2         | 60    | Suhrbier.in.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2007/09/06<br>13:44 |
| <b>S</b> 3 | 2042  | flavivirus   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2007/09/06<br>13:45 |
| S4         | 123   | S1 S2  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR                  | OFF     | 2007/09/06<br>13:45 |

| S5  | 17     | S3 and S4                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/07<br>12:00 |
|-----|--------|-----------------------------|--|----|-----|---------------------|
| S12 | 2      | "20060280757"               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>14:53 |
| S13 | 2      | "20070036827"               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>15:09 |
| S14 | 293    | SIINFEKL                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>15:09 |
| S15 | 2      | "6184024".pn.               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>18:24 |
| S16 | 0      | "199928487"                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>18:29 |
| S17 | 70     | flavivirus same<br>replicon | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>19:11 |
| S18 | 1      | pKUNrep5                    | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>19:11 |
| S19 | 1      | SP6KUNrep5                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>20:37 |
| S20 | 1      | KUNRNAgag                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>20:37 |
| S21 | 1      | KUNDNAgag                   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>20:42 |
| S22 | 2      | KUNgag                      | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/06<br>20:42 |
| S23 | 107322 | HIV or gag                  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/07<br>12:00 |
| S24 | 70     | flavivirus same<br>replicon | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/07<br>12:00 |
| S25 | 45     | S23 and S24                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2007/09/07<br>12:00 |
| S26 | 2      | "6893866".pn.               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2007/09/11<br>17:43 |

| S27         | 1    | "10496421"  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>20:57 |
|-------------|------|---|--|----|-----|---------------------|
| S28         | 2    | "6893866".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>22:34 |
| S29         | 2    | "7094411".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>23:06 |
| S30         | 71   | Khromykh.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>23:39 |
| S31         | 64   | Suhrbier.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>23:39 |
| S32         | 129  | S30 S31   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>23:39 |
| S33         | 2251 | flavivirus  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>23:40 |
| S34         | 17   | S32 and S33   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/23<br>23:40 |
| S35         | 8    | flavivirus same<br>structural same protein<br>same substitution | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/02/24<br>18:31 |
| S36         | 2    | "6893866".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/12<br>19:50 |
| <b>S</b> 37 | 2    | "20060280757"   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/13<br>12:06 |
| S38         | 2    | "6127116".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/13<br>13:56 |
| S39         | 72   | Khromykh.in.  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/13<br>18:14 |
| S40         | 327  | flavivirus and Kunjin   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/13<br>18:15 |
| S41         | 13   | S39 and S40   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/06/13<br>18:15 |
| S42         | 2    | "7094411".pn.   | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>12:07 |

| S43 | 1    | "6893866".pnpn.                         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>14:54 |
|-----|------|---|--|----|-----|---------------------|
| S44 | 2    | "6893866".pn.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>14:54 |
| S45 | 1    | "10496421"                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>17:15 |
| S46 | 0    | (HIV adj gag) same<br>CTL same replicon | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>17:43 |
| S47 | 157  | (HIV adj gag) same<br>CTL               | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>17:43 |
| S48 | 3714 | flavivirus                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>17:43 |
| S49 | 29   | S47 and S48                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>17:43 |
| S50 | 2    | "6783939".pn.                           | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>19:29 |
| S51 | 73   | Khromykh.in.                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>20:34 |
| S52 | 69   | Suhrbier.in.                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/03<br>20:34 |
| S53 | 134  | S51 S52                                 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>20:34 |
| S54 | 3714 | flavivirus                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>20:34 |
| S55 | 19   | S53 and S54                             | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | ON  | 2008/09/03<br>20:35 |
| S56 | 1    | "10496421"                              | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2008/09/05<br>14:36 |
| S57 | 74   | Khromykh.in.                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/21<br>17:12 |
| S58 | 71   | Suhrbier.in.                            | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/21<br>17:12 |

| S59 | 137  | S57 S58     | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/21<br>17:12 |
|-----|------|-------------|--|----|-----|---------------------|
| S60 | 2710 | flavivirus  | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/21<br>17:12 |
| S61 | 2710 | S60         | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/21<br>17:12 |
| S62 | 20   | S59 and S61 | US-PGPUB;<br>USPAT; EPO;<br>JPO; DERWENT | OR | OFF | 2009/04/21<br>17:12 |

## 4/22/2009 9:20:37 PM

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